

<b>INFORMATION DISCLOSURE CITATION</b> Form PTO-1449 (Modified) (Use several sheets if necessary)		ATTY. DOCKET NO. UCSF088CON	SERIAL NO. 09/795,914
		APPLICANT	
		Stern et al.	
		FILING DATE February 27, 2001	GROUP 1642

### U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date U Appropriate
KG	AA	3,945,889	03/23/1976	Mima et al.			
KG	AB	5,427,779	06/27/1995	Elsner et al.			

### FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Transition
AC	WO 88/02261	04/07/88	PCT			Yes No
AD	WO 89/05329	06/15/89	PCT			
AE	WO 96/03497	02/08/96	PCT			

### OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AF	Afify et al., (1993) "Purification and Characterization of Human Serum Hyaluronidase" Arch. Biochem. Biophys. 305 (2):434-441.
AG	Baumgartner et al., (1988) "Phase I Study in Chemoresistant Loco-regional Malignant Disease with Hyaluronidase" Reg. Cancer Treat. 1:55-58
AH	Beckenlehner et al., (1992) "Hyaluronidase Enhances the Activity of Adriamycin in Breast Cancer Models in Vitro and in Vivo" J. Cancer Res. Oncol. 118:591-596.
AI	Bonner et al., (1966) "Colorimetric Method for Determination of Serum Hyaluronidase Activity" Clinica Chimica Acta 13:746-752.
AJ	Bordier, (1981) "Phase Separation of Integral Membrane Proteins in Triton X-114 Solution" J. Biol. Chem. 256(4):1604-1607.
AK	Cashman et al., (1969) "The Hyaluronidase of Rat Skin" Arch. Biochem. Biophys. 135:387-395.
AL	Czejka et al., (1990) "Influence of hyaluronidase on the blood plasma levels of 5-fluorouracil in patients" Pharmazie 45:H.9.
AM	De Maeyer et al., (1992) "The Growth Rate of Two Transplantable Murine Tumors, 3LL Lung Carcinoma and B16F10 Melanoma, Is Influenced by Hyal-1, A Locus Determining Hyaluronidase Levels and Polymorphism" Int. J. Cancer 51:657-660.
AN	De Salegui et al., (1967) "A Comparison of Serum and Testicular Hyaluronidase" Arch. Biochem. Biophys. 121:548-554.
AO	Delpech et al., (1987) "An Indirect Enzymoimmunology Assay for Hyaluronidase" J. Immunol. Methods 104:223-229.
AP	Doctor et al., (1983) "Isolation and Properties of a New Anticoagulant Protein from Commercial Bovine Testicular Hyaluronidase" Thrombosis Res. 30:565-571.

EXAMINER	Kaylin G. Lipsey	DATE CONSIDERED	8/25/04
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<b>INFORMATION DISCLOSURE CITATION</b> Form PTO-1449 (Modified) <i>(Use several sheets if necessary)</i>		ATTY. DOCKET NO. UCSF088CON	10/6/22, 2:83 SERIAL NO. 09/795, 914
		APPLICANT	
		Stern et al.	
		FILING DATE	GROUP
		February 27, 2001	1642
AQ Dorfman et al., (1948) "A Turbidimetric Method for the Assay of Hyaluronidase" J. Biol. Chem. 172:367-375.			
KG	AR Fenger et al (1982) "Purification of Human Serum Hyaluronidase Using Chromatofocusing." (J. Chromatogr. 240:173-179)		
KG	AS Fiszer-Szafarz et al., (1989) "Hyal-1, a Locus Determining Serum Hyaluronidase Polymorphism, in Chromosome 9 in Mice" Somat. Cell. Mol. Genet. 15:79-83.		
KG	AT Fiszer-Szafarz et al., (1995) "Hyaluronidase in Human Somatic Tissues and Urine: Polymorphism and the Activity in Diseases." Acta Biochim. Pol. 42:31-3.		
KG	AU Gabizon (1995) "Stealth Liposomes and Cancer Targeting: A Realistic Compromise in Drug Delivery." (J. Liposome Res., 5:704-710)		
KG	AV GenBank accession No. U03056, deposited Nov. 1, 1993.		
KG	AW Gregoriadis et al. (1993) "Liposomes in drug delivery. Clinical, diagnostic and ophthalmic potential." (Drugs, 45:15-28)		
KG	AX Cunterhoner et al., (1992) "A Substrate-Gel Assay for Hyaluronidase Activity" Matrix 12:388-396.		
KG	AV Harrison et al., (1988) "Multiple Forms of Ram and Bull Sperm Hyaluronidase Revealed by Using Monoclonal Antibodies" J. Reprod. Fertil. 82:777-785.		
KG	AZ Hegi et al., (1994) "Allelotype Analysis of Mouse Lung Carcinomas Reveals Frequent Allelic Losses on Chromosome 4 and an Association between Allelic Imbalances on Chromosome 6 and K-ras Activation." Cancer Research 54, pp 6257-6264.		
KG	BA Horn et al., (1985) "Intravesical Chemotherapy of Superficial Bladder Tumors in a Controlled Trial with Cis-Platinum Versus Cis-Platinum Plus Hyaluronidase" J. Surg. Oncol. 28:304-307.		
KG	BB Johnstone et al. (1987) (Immunochemistry in Practice, Blackwell Scientific Publications, Oxford, pp. 30-31)		
KG	BC Kimata et al., (1983) "Increased Synthesis of Hyaluronic Acid by Mouse Mammary Carcinoma Cell Variants with High Metastatic Potential" Cancer Res. 43:1347-1354.		
KG	BD Kohne et al., (1994) "Effects of Hyaluronidase on DOXORUBICIN Penetration into Squamous Carcinoma Multicellular Tumor Spheroids and Its Cell Lethality" J. Cancer Res. Clin. Oncol. 120:293-297.		
KG	BE Kolarova et al., (1970) "Host-Tumour Relationship XXIX. Hyaluronidase Activity and Seromucoid Concentration in Blood Serum of Patients with Cancer" Neoplasma 17:641-648.		
KG	BF Komender et al., (1973) "Isolation of Hyaluronidase from Kidney Extract," Bull. Acad. Pol. Sci. (Biol.) 21:637-41.		
KG	BG Kreil, (1995) "Hyaluronidases-A Group of Neglected Enzymes" Protein Sci. 4:1666-1669.		
KG	BH Lenny et al., (1966) "Mammalian Glycosidases and Their Inhibition by Aldonolactones" Method Enzymol. 8:571-584.		
KG	BI Lien et al., (1990) "Collagen, Proteoglycan and Hyaluronidase Activity in Cultures from Normal and Scoliotic Chicken Fibroblasts" Biochim. Biophys. Acta. 1034:318-325.		
KG	BJ Liu et al., (1996) "Expression of Hyaluronidase by Tumor Cells Induces Angiogenesis In Vivo" Proc. Natl. Acad. Sci. USA 93 (15):7832-7837.		
KG	BK Margolis et al., (1972) "The Hyaluronidase of Brain," J. Neurochem. 19:2325-23.		
KG	BL Natowicz et al., (1996) "Clinical and Biochemical Manifestations of Hyaluronidase Deficiency" N. Engl. J. Med. 335 (14):1029-1033.		
EXAMINER	Kagan G. Yous	DATE CONSIDERED	8/25/04
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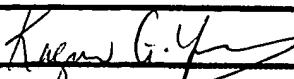
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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Complete if Known	
Sheet	1	of	1	Application Number	09/795,914 10/622283
				Filing Date	February 27, 2001
				First Named Inventor	STERN, ROBERT
				Group Art Unit	1632
				Examiner Name	CHEN, LIPING
				Attorney Docket Number	UCSF-088CON

U.S. PATENT DOCUMENTS					
Examiner Initials'	Cite No. <sup>1</sup>	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		

FOREIGN PATENT DOCUMENTS						
Examiner Initials'	Cite No. <sup>1</sup>	Foreign Patent Documents			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)		
KB		WO	96/31596	A1	Stern <i>et al.</i>	10-10-1996

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS						
Examiner Initials'	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				

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<u>Notice of References Cited</u>  1449	Application/Control No. 09/795,914 <i>10/622283</i>	Applicant(s)/Patent Under Reexamination STERN ET AL.
	Examiner Liping Chen	Art Unit 1632

U.S. PATENT DOCUMENTS

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NON-PATENT DOCUMENTS

*	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages	
U	Verma, I. M. et al. "Gene Therapy- promises, Problems and Prospects" (1997) Nature Vol. 389, pp. 239-242.	<i>KG</i>
V	Orkin, S. H. et al. "Report and Recommendations of The Panel to Assess The NIH Investment in Research on Gene Therapy" (1995)	<i>KG</i>
W	Eck, S. L. et al "Gene-Based therapy" in The Pharmacological Basis of therapeutics, Goodman & Gilman's, McGraw-Hill, Ninth Edition, pp. 77-101, 1996.	<i>KG</i>
X	Rozenberg, Y. et al. "Alternative Gene Delivery" S.T.P. Pharma Sci (2001) Vol. 11, pp. 21-30.	<i>KG</i>

<sup>1</sup>A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
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<b>Notice of References Cited</b> <i>1449</i>	Application/Control No.	Applicant(s)/Patent Under Reexamination
	09795,814 10/622283	STERN ET AL.
Examiner Liping Chen	Art Unit 1632	Page 2 of 3

**U.S. PATENT DOCUMENTS**

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	S					
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**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Nishikawa, M. et al. "Nonviral Vectors in The New Millennium: Delivery Barrier in Gene Transfer" (2001) Hum Gene Ther Vol. 12, pp. 861-870. <i>LG</i>
	V	Balicki, D. et al. "Gene Therapy of Human Disease" (2002) Medicine Vol. 81, pp. 69-86. <i>LG</i>
	W	Csoka, T. B. et al. "Hyaluronidases in Tissue Invasion" (1997) Invasion and Metastasis Vol. 17, No. 6, pp. 297-311. <i>LG</i>
	X	Chang N. S. "Transforming Growth Factor-beta Protection of Cancer Cells Against Tumor Necrosis Factor Cytotoxicity is counteracted by Hyaluronidase" (1998) Int J Mol Med Vol. 2, No. 6, pp. 653-659. <i>LG</i>

*\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)*  
*Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.*

<b>Notice of References Cited</b> <i>1449</i>	Application/Control No. <del>09/788,814</del> 10/622283	Applicant(s)/Patent Under Reexamination STERN ET AL.
	Examiner Liping Chen	Art Unit 1632

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	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages
	U	Lepperdinger, G. et al. "Hyal2 - Less Active, But More Versatile?" (2001) Matrix Biol Vol. 20, pp. 509-514. <i>kg</i>
	V	
	W	
	X	

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<b>Notice of References Cited</b> <i>1449</i>	Application/Control No. <i>09/625,814 10/622283</i>	Applicant(s)/Patent Under Reexamination STERN ET AL.
	Examiner Quang Nguyen, Ph.D.	Art Unit 1636

**U.S. PATENT DOCUMENTS**

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**NON-PATENT DOCUMENTS**

*	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)		
U	Lin Ji et al. Expression of several genes in the human chromosome 3p21.3 homozygous deletion region by an adenovirus vector results in tumor suppressor activities in Vitro and in Vivo. Cancer Res. 62:2715-2720, 2002.		<i>K6</i>
V			
W			
X			

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PTO/SB/30 (09-04)

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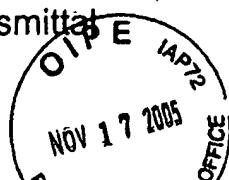
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Application Number	10/622,283
Filing Date	July 18, 2003
First Named Inventor	STERN, ROBERT
Art Unit	1652
Examiner Name	GEBREYESUS, KAGNEW
Attorney Docket Number	UCSF-088CON2

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application. Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1.	<b>Submission required under 37 C.F.R. § 1.114</b>	Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).
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